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IS 7735 (1992): Forceps, spong holding - Shape and dimensions [MHD 3: Obstetric and Gynaecological Instruments and Appliances]



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भारतीय मानक

स्पंज पकड़ने वाली चिमटी – आकृति एवं आयाम

(पहला पुनरोक्षण)

Indian Standard

FORCEPS, SPONGE HOLDING – SHAPE
AND DIMENSIONS

(*First Revision*)

UDC 615·472·2 : 615·468·41

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NEW DELHI 110002

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Obstetric and Gynaecological Instruments and Appliances Sectional Committee, had been approved by the Medical Equipment and Hospital Planning Division Council.

This standard was first published in 1975 and has been revised to cover the requirements in respect of shape and dimensions only, as the specification part of these types of instruments is covered in IS 3642 (Part 1) : 1990 'Surgical instruments — Specification : Part 1 Non-cutting articulated instruments (*second revision*)'. This standard is, therefore, intended to be used only in respect of shape and dimensions which are referred to in clause 4.1 of IS 3642 (Part 1) : 1990.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

*Indian Standard***FORCEPS, SPONGE HOLDING – SHAPE
AND DIMENSIONS***(First Revision)***1 SCOPE**

1.1 This standard prescribes shape and dimensions for sponge holding forceps.

2 REFERENCE

2.1 The Indian Standard IS 3642 (Part 1) : 1990 'Surgical Instruments—Specification, Part 1 Non-cutting articulated instruments (*second revision*)' forms a necessary adjunct to this standard.

3 SHAPE AND DIMENSIONS

3.1 The shape and dimensions for the sponge holding forceps shall be as shown in Fig. 1 and 2.

3.2 Joints

The joints shall be box type in accordance with 13.2 of Section 3 of IS 3642 (Part 1) : 1990.

3.3 Serrations

The serrations shall be transverse with non-truncated 60° profile and shall conform to the requirements as given in Section 2 of IS 3642 (Part 1) : 1990. The pitch and depth of the serrations shall be as given in Fig. 1.

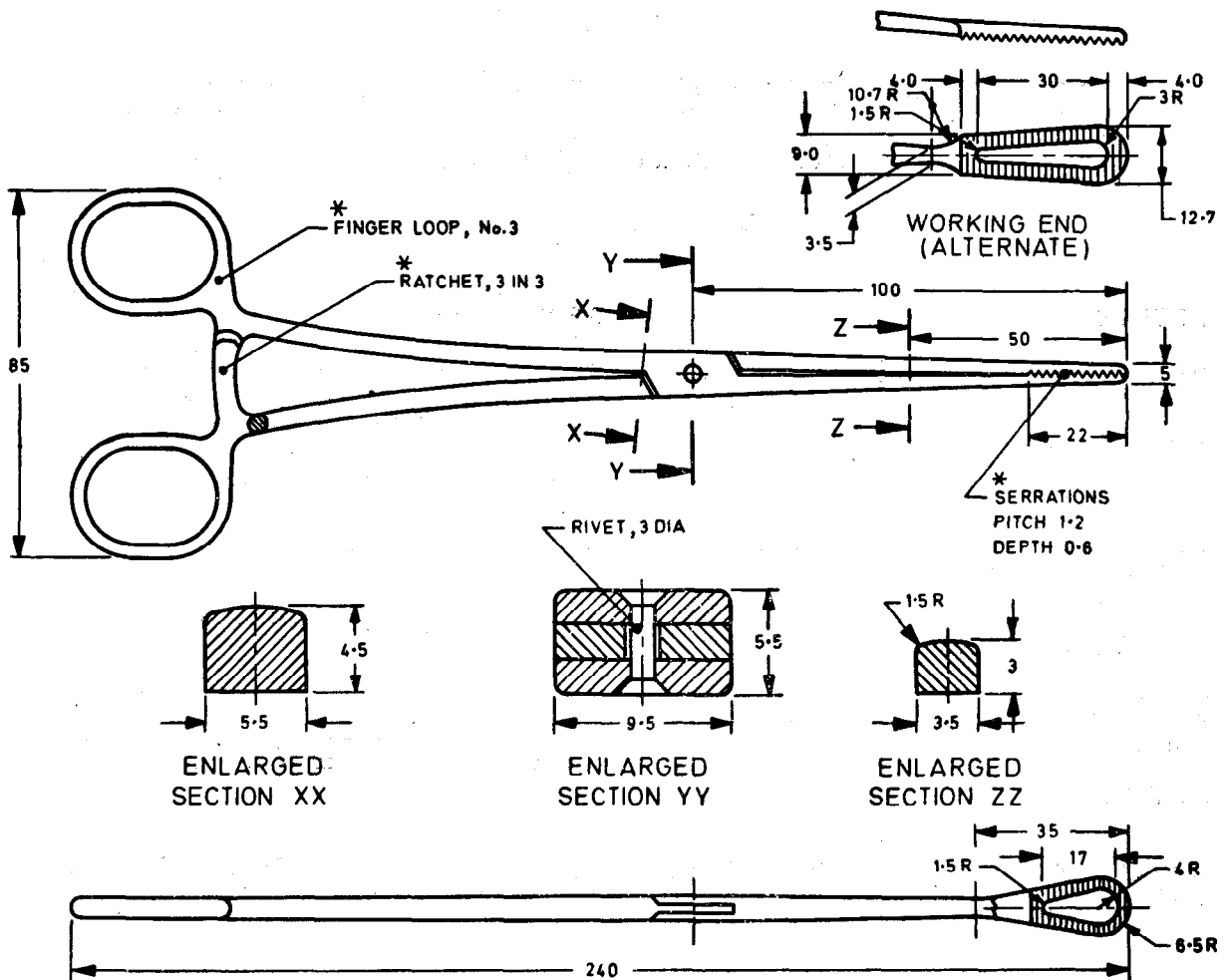
3.4 Ratchet

Ratchet teeth shall conform to Section 4 of IS 3642 (Part 1) : 1990 with combination of 3 in 3.

3.4.1 The load required to close the forceps on first, second and third ratchet shall be 400 ± 25 g, 800 ± 25 g, and $1\,200 \pm 25$ g, respectively.

3.5 Finger Loops

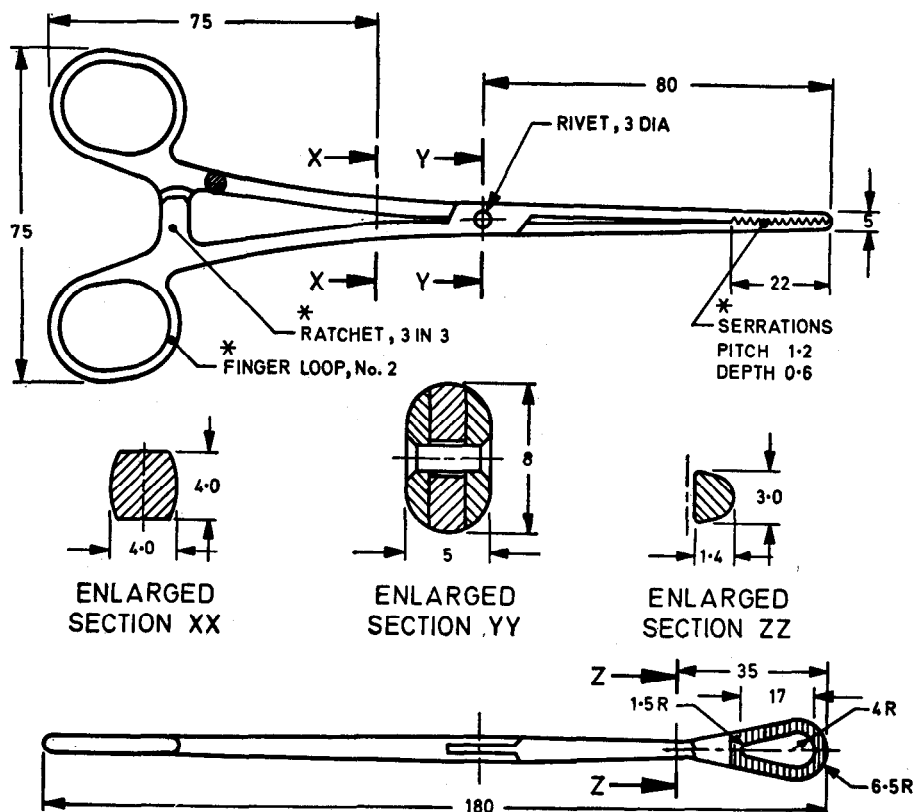
The finger loops shall conform to Section 6 of IS 3642 (Part 1) : 1990.



***See IS 3642 (Part 1) : 1990 Surgical instruments — Specification: Part 1 Non-cutting articulated instruments (*second revision*)**

All dimensions in millimetres.

FIG. 1 FORCEPS, SPONGE HOLDING, 240-mm



*See IS 3642 (Part 1) : 1990 Surgical instruments — Specification: Part 1 Non-cutting articulated instruments (*second revision*)

All dimensions in millimetres.

FIG. 2 FORCEPS, SPONGE HOLDING, 180-mm

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